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| FORM PTO-1390) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV. 10-2003)   |   | ATTORNEY'S DOCKET NUMBER<br><b>529.44217X00</b> filed <b>October 15, 2004</b>   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>         DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>         CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><div style="font-size: 24pt; font-weight: bold; text-align: center;">107511184</div> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/04287</b>   | INTERNATIONAL FILING DATE<br><b>April 3, 2003</b> | PRIORITY DATE CLAIMED<br><b>April 17, 2002</b>  |
| TITLE OF INVENTION<br><b>INTRACAVITARY ULTRASOUND PROBE</b>  |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>Tomoyuki YAGI, Takashi ITO, and Mikio IZUMI</b>  |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office(RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p style="margin-top: 10px;"><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Figs. 1-12, Credit Card Payment Form, International Publication No. WO 03/086196 A1, Proposed Amendment to the Drawings and Corrected Substitute Drawings</li> </ol> |   |   |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <b>10/511184</b> |  |  | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/04287</b> |  | ATTORNEY'S DOCKET NUMBER<br><b>529.44217X00</b> |  |
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| 21. <input type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO.....\$1,110.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO.....\$950.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$790.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$750.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00<br><br><div style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> |              |              |            | <b>CALCULATIONS PTO USE ONLY</b> |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(e)).   |              |              |            | \$                               |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE       | \$                               |    |
| Total Claims  | 10 - 20 =    | 0            | x \$18.00  | \$                               |    |
| Independent Claims  | 1 - 3 =      | 0            | x \$88.00  | \$                               |    |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |              |              | + \$300.00 | \$ 300.00                        |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |              |            | \$ 1,250.00                      |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.   |              |              |            | \$                               |    |
| <b>SUBTOTAL =</b>   |              |              |            | \$ 1,250.00                      |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(f)).  |              |              |            | \$                               |    |
| <b>TOTAL NATIONAL FEE =</b>   |              |              |            | \$ 1,250.00                      |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              |              |            | \$                               |    |
| <b>TOTAL FEES ENCLOSED =</b>  |              |              |            | \$ 1,250.00                      |    |
|   |              |              |            | Amount to be<br>refunded:        | \$ |
|   |              |              |            | charged:                         | \$ |

a. ☐ A check in the amount of \$ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **01-2135** in the amount of \$ to cover the above fees.  
A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. **01-2135**. A duplicate copy of this sheet is enclosed.

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card**  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed  
and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**ANTONELLI, TERRY, STOUT & KRAUS, LLP**  
 1300 North 17<sup>th</sup> Street - Suite 1800  
 Arlington, VA 22209

  
 SIGNATURE  
**MELVIN KRAUS**  
 NAME  
 22,466  
 REGISTRATION NO.